

RECEIVED  
CENTRAL FAX CENTER

2nd Fax / 11/01/2004

NOV 01 2004

PTO/SB/17 (08-00)

Approved for use through 10/31/2002 OMB 0541-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the  
United States Patent and Trademark Office

on 11/01/2004  
Date

[Signature]  
Signature

Sarvas P. Vasilevski & Eoc Zinke  
Typed or printed name of person signing Certificate  
Inventor and Applicant. Varneiden

Note: Each paper must have its own certificate of transmission, or this certificate must identify  
each submitted paper.

This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case.  
Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents  
Washington, DC 20231.

**RECEIVED  
CENTRAL FAX CENTER**

NOV 01 2004

U.S. Patent and Trademark Office,  
Commissioner of Patents and Trademarks,  
Washington, D.C. 20231  
Attention:  
Examiner, Wayne Langel  
Art Unit:1754

Inventors:  
Savvas Vasileiadis, Ph.D.  
Zoe Ziaka-Vasileiadou, Ph.D.  
15549 Dearborn street,  
North Hills, CA 91343

tel.&fax: 818-892-4238  
email: svas10@aol.com,

Appl.#:09/525,176  
Filing date:03/14/00

Nov. 1, 2004

Response to Office Action 08/16/2004

This is in response to the last Office Action of August 16, 2004 concerning our continued Patent Appl.# 09/525,176. The applicants have complied with the Advisory Action as described in the recent Office response and have amended the necessary independent claims 134, 152 and 170 of the patent. The amendment of the claims specify that the reactants utilized within the catalytic process are hydrocarbons, alcohols, steam, and carbon dioxide. In addition, the claims as currently described, define distinct process steps that are sequentially performed.

Based on this last amendment of the claims the inventors request from the USPTO to allow claims 134-181 with this application. The current application discloses new allowable subject matter as your Office pointed out in a previous communication (December 22, 2003) which are important in the chemical-process engineering field, and is pending for a considerable time interval (since March of 2000). The allowance of this application with the claims submitted is further requested from the USPTO because it is in continuation in part of the USPatent #6,090,312 (July 2000).

Sincerely,

  
Savvas Vasileiadis, Ph.D.  
Zoe Ziaka-Vasileiadou, Ph.D.

818-8924238 tel&fax  
email: svas10@aol.com